

U.S.S.N. 09/781,483

Page 2

IN THE SPECIFICATION

Pease replace the following paragraphs with the amended paragraphs as follows:

Page 8, lines 27 to page 9 line7

B¹

The video session manager 122 accomplishes all of the transmission interface requirements of the system 100. Specifically, the video session manager 122 is coupled to subscriber equipment via a forward information channel 132, a forward command channel 133 and a back channel 134. All three of these channels are supported by the cable transport network 104. The video session manager 122 contains a modulator for modulating the server data streams onto one or more carrier frequencies for transmission on the forward information channel 132. Additionally, the video session manager 122 contains a modem for sending control information via the forward command channel 133 and receiving control information via the back channel 134. Moreover, a conventional cable television signal source 128 is optionally coupled to the forward information channel via 132 a signal coupler 130.

Page 11, lines 32 to page 12, line 15

B²

Specifically, a joystick on the remote control 138 selectively highlights certain pre-defined regions of the television screen. To perform such highlighting, a reference region is always highlighted when a menu is first displayed. From that reference region, direction vectors produced by the joystick are interpreted by the CPU 212 to highlight a region lying in the direction in which the joystick was moved. When a desired selectable icon is highlighted, the subscriber depresses a "select" key on the remote that sends an infrared signal to an infrared receiver (a support circuit 216). This receiver sends the select command to the CPU for interpretation. The selected region is associated with a function. If the function is a request for specific information or a change in the menu, the processor formats 212 the command and sends it to the back channel transmitter 208 for transmission to the video session manager 122. If the command is a function that is handled locally, such as volume control, the CPU implements the function within the set top terminal 136.

236550-1

U.S.S.N. 09/781,483
Page 3

Page 15, lines 11 to 19

B³
The applet logic responds to the user commands entered through the remote control 138 by activating different linked lists (i.e., moving a starting link pointer), or by adding, removing, or changing the mix of regions in the active list. The applet logic also tells the CPU 212 which command sequence terminates the applet and which response to send to the video session manager 122. The applet logic contains a table of command sequences that are identified with specific coordinates defining the field locations on the menu.

Page 26, lines 24 to 34

B⁴
If the query at step 616 is negatively answered, the routine proceeds to step 622. At step 618 622, the set top terminal begins receiving the applet, i.e., the CPU detects the user data packet. At step 624, the routine queries whether an excessive amount of time has elapsed between detection of a user data packet and reception of the data. If the query is affirmatively answered, the set top terminal sends, at step 626, a negative acknowledgment (NAQ) signal through the back channel to the video session manager. The routine ends at step 628. Upon receiving the NAQ signal, the video session manager will resend the applet.

Page 27, lines 1 to 11

B⁵
At step 630, the control instructions within packets carrying AUDIOID 7 are extracted from the packets and stored in the CPU DRAM. At step 632, forward error correction is performed on the extracted bits. Additionally, at step 634, a check sum is created to ensure that the extracted control instructions are correct. At step 636, the CPU queries whether the check sum was correct. If the check sum is correct, the routine proceeds to step 6342 642. However, if the query is negatively answered, the routine sends a NAQ to the video session manager and ends at step 640 to await retransmission of the applet.

236550-1